

**AMENDMENTS TO THE CLAIMS:**

Please cancel claims 1-12, 15 and 16.

Please amend claims 13, 14 and 17.

**Listing of Claims:**

1-12. (Cancelled)

13. (Currently Amended) A solar still ~~of the~~ in the form of a tilted tray ~~type~~, said still including a base and upstanding side walls, a solar absorbing member supported by said base, said side walls supporting a glass cover positioned over said absorbing member on which vapor condenses, said solar absorbing member comprising a panel of black material having a plurality of individual cells over which water flows, and a thermal expansion member including one of a dome and a recess formed in the bottom of each cell to substantially eliminate or prevent distortion ~~if~~ of the absorbing member wherein the glass cover is positioned adjacent the solar cells at a distance whereby vapor produced in each cell produces turbulence in each cell and wherein, the combined effect of the turbulence in all cells minimizes convective flow of air and vapor along the underside of the glass and wherein the glass cover is positioned within a range of 10 to 20 mm above the top of the cells.

14. (Currently Amended) The solar still according to claim 13, including a ~~long-wavelength~~ reflector positioned beneath the black material

panel to redirect ~~long wavelength~~ radiation absorbed by the black panel to enhance the overall heat gain.

15-16. (Cancelled)

17. (Currently Amended) A solar still in the form of a tilted tray, said still including a base and upstanding side walls, a solar absorbing member supported by said base, said side walls supporting a glass cover positioned over said absorbing member on which vapor condenses, said solar absorbing member comprising a panel of black material having a plurality of individual cells over which water flows, and a thermal expansion member including on of a dome and a recess formed in the bottom of each cell to substantially eliminate or prevent distortion of the absorbing member, A solar still according to claim 12 wherein the dome is circular and is upstanding above the bottom of the cell by 5 or 6 mm.